

1 9. (Original) The method of Claim 8, wherein a mixture
2 of luteolin, dihydrokaemferol and apigenin is administered.

1 10. (Original) The method of Claim 9, wherein the molar
2 concentration of luteolin is at least twice that of dihydrokaemferol and
3 apigenin added together.

Claims 11-17 (Cancelled)

1 18. (Previously Added) A method for treatment of diabetes
2 mellitus consisting of the step of administering a quantity of luteolin to result
3 in a reduction in blood glucose.

1 19. (Previously Added) The method for treatment of diabetes
2 mellitus according to Claim 18, wherein the step of administering further
3 consists of administering a quantity of a flavonoid selected from the group
4 consisting of myricetin, dihydrokaemferol, apigenin, and mixtures thereof to
5 result in a reduction in blood glucose.

1 20. (Previously Added) The method for treatment of diabetes
2 mellitus according to Claim 19, wherein the step of administering further
3 consists of administering a quantity of quercetin.

1 21. (Previously Added) The method for treatment of diabetes
2 mellitus according to Claim 19, wherein a mixture of luteolin,
3 dihydrokaemferol and apigenin is administered.

- 1 22. (Previously Added) The method for treatment of diabetes
 - 2 mellitus according to Claim 21, wherein the molar concentration of luteolin is
 - 3 at least twice that of dihydrokaemferol and apigenin added together.
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